

NATS 7050 TRANSFERABLE RESEARCH SKILLS

Credit Points 10

Legacy Code 401164

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Description This subject is an elective subject as part of the Master of Research and provides training in essential skills for research students in the health, medical, biomedical and natural sciences. Students will select two modules that will provide experience in advanced techniques and methodologies directly relevant to a specific area of research. It is expected that this subject, together with the subject Experimental Design and Analysis, will provide students in the health, medical, biomedical and natural sciences with a solid foundation before commencing the research project in the second year of the Master of Research degree.

School Science

Discipline Natural and Physical Sciences, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

Level Postgraduate Coursework Level 7 subject

Restrictions

An active researcher on the graduate supervisory register is required to supervise students.

Assumed Knowledge

Students will have completed an undergraduate degree in a related discipline area.

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Recall key principles of the operation and data acquisition associated with specific laboratory equipment OR recall key principles of the theory and practice of a research method
2. Evaluate the quality of data produced using a specific piece of laboratory equipment or research methodology
3. Describe how techniques and/or methodologies from both modules can be combined to investigate a research question

Subject Content

1. Advanced practical training for a specific research methodology or topic
2. Theory and application of a specific research methodology or topic
3. Interdisciplinary research: understanding how the combination of these techniques contributes to a research project

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/Group Task
Practical assessment	1000 words (for each module)	60	Y	Individual
Online assessment	1 hour (for each module)	20	Y	Individual
Oral presentation	15 minutes (1 presentation in final week of semester)	20	Y	Individual

Teaching Periods